

syncytial virus, complete genome (SEQ.ID.NO:10); AF321523: HIV-1 clone MJ4 from Botswana, complete genome (SEQ.ID.NO:11) and K02007: HIV-1, isolate ARV-2/SF2, complete proviral genome; (SEQ.ID.NO:12). One of skill in the art is cognizant that the above sequences are representative sequences of several pathogenic genomes. It is well known and understood that standard methods of molecular biology can be used to isolate and clone a sequence of any pathogen of interest and to use this sequence in the present invention.

In the Claims

Please amend claims 12, 23, 28, 32, and 39.

12. (Amended) A method of producing a DNA composition comprising the step of incubating an expression vector with an aggregated protein-polycationic polymer conjugate to form DNA particles wherein the expression vector comprises a promoter polynucleotide sequence operatively linked to a polynucleotide sequence encoding an antigen.
23. (Amended) A method of treating a condition in a mammal by administering to the mammal the DNA composition of claim 12.
28. (Amended) A method of inducing an immune response in a mammal comprising the step of administering to the mammal an expression vector bound to an aggregated protein-polycationic polymer conjugate wherein the expression vector comprises a promoter polynucleotide sequence operatively linked to a polynucleotide sequence encoding an antigen.
32. (Amended) A method of inducing an immune response in a mammal comprising the step of co-administering to the mammal two expression vectors, both bound to an aggregated protein-polycationic polymer conjugate wherein the first expression vector comprises a promoter polynucleotide sequence operatively linked to a polynucleotide

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~~sequence encoding an antigen and the second vector comprises a cytokine expression vector.~~

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39. (Amended) A method of inducing an immune response in a mammal comprising the step of administering to the mammal an expression vector bound to an aggregated protein-polycationic polymer conjugate wherein the expression vector comprises a first promoter polynucleotide sequence operatively linked to a first polynucleotide sequence encoding an antigen and a second polynucleotide sequence encoding a cytokine.

Please delete claims 43-57.